Beam Power Tube

7-PIN MINIATURE TYPE

	GENERAL DATA											
	Electrical:											
	Heater, for Unipotential Cathode: Voltage (AC or DC)	volts amp μμf μμf μμf										
	Mechanical:											
	Operating Position. Maximum Overall Length. Maximum Seated Length. Length, Base Seat to Bulb Top (Excluding tip). Diameter. Dimensional Outline. Bulb. See General Sea Bulb. Sease. Small-Button Miniature 7-Pin (JEDEC No. Basing Designation for BOTTOM VIEW.	-3/8" 3/32" .750" :tion 5–1/2										
	4 5											
	Pin 1 - Cathode, Grid No.3 Pin 2 - Grid No.1 Pin 3 - Heater 2 Pin 4 - Heater Pin 5 - Grid No. Pin 6 - Grid No. Pin 7 - Plate											
_	AMPLIFIER - Class A											
	Maximum Ratings, Design-Center Values:											
	GRID-No.2 (SCREEN-GRID) VOLTAGE 130 max. v GRID-No.1 (CONTROL-GRID) VOLTAGE:	olts/olts										
<u></u>	GRID-No.2 INPUT 1.4 max. v	volts vatts vatts										
	· · · · · · · · · · · · · · · · · · ·	olts/olts										
	on bulb surface) 180 max.	oC										
$\widehat{}$	Typical Operation and Characteristics:											
		olts/olts										

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Grid-No.1 Voltage							-4	-4.5	volts		
Peak AF Grid-No.1 Voltage							4	4.5	volts		
Zero-Signal Plate Current							32	37	ma	_	
MaxSignal Plate Current							31	36	ma		
Zero-Signal Grid-No.2 Current							3.5	4	ma		
MaxSignal Grid-No.2 Current							7.5	11	ma		
Plate Resistance (Approx.)							16000	15000	ohms		
Transconductance							8100	9200	μ mhos		
Load Resistance							3500	4500	ohms		
Total Harmonic Distortion	•						5	6	%	_	
MaxSignal Power Output							1.1	1.5	watts	_	
Maximum Circuit Values:											
MAXIMUM CITCUIC FAILES.											
Grid-No.1-Circuit Resistance:											
For fixed-bias operation							. 0.1	max.	megohm		
For cathode-bias operation.	•						. 0.5	max.	megohm		
a Without external shield.											

a Without external shleld.
 b The dc component must not exceed 100 volts.